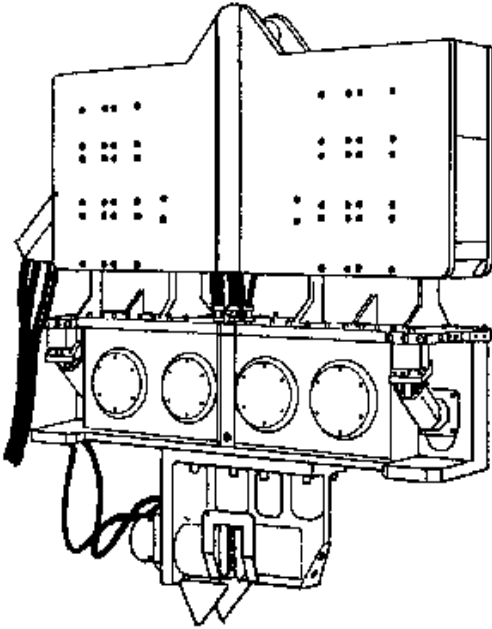




# The J&M Model V44-50 + 595 Vibratory Driver / Extractor

Engineered for maximum versatility and maximum ownership utilization.



- 4,400 inch/lbs of eccentric moment combined w/ a low-mass transmission provides maximum pile amplitude
- Variable hammer weight available with bias weights as an option. Add one set for 2,750 lbs of driving weight or two sets for a full 5500lbs
- Patented on-the-hammer braking valve minimizes boom shake
- Super-tough forged gears provide an unmatched 12 year useful life
- 80-ton elastomeric suppressor handles your toughest pulling jobs while providing a high working load safety factor
- Supplied with environment friendly non-toxic biodegradable hydraulic oil
- Remote electric pendant control includes engine speed control for fuel efficiency and emergency engine stop for personnel safety. Duplicate full-function controls on the panel eliminate downtime from accidental damage
- Clamps include internal holding valves for safety and extra-heavy wall cylinders machined from solid blocks to eliminate cylinder guards
- Highest quality Commercial Intertech pumps & Rexroth motors in a time proven reliable open-loop hydraulic system ensures maximum efficiency, maximum reliability, and simpler, quicker unit serviceability
- Optional digital radio remote provides total operator freedom of movement
- Made in the USA by the industries most technologically innovative manufacturer of hydraulic vibratory pile drivers / extractors since 1974
- Quickly adaptable for underwater, low headroom, or box lead operation

VIBRATOR		POWER UNIT		
Eccentric moment	4,400 in ch/lbs (51 kg-m)	Engine	Caterpillar C-15	
Frequency	1600 vpm	Power	595 HP (444 kW)	
Centrifugal force	160 tons ( 1425 kN)	Operating speed	2100 rpm	
Amplitude (free hanging)	1.17 in (30 mm)	Drive pressure	5,000 psi (345 bar)	
Max line pull for extracting	80 ton (710 kN)	Drive flow	155 gpm (590 lpm)	
Weight (no clamps or hoses)	12,400 lbs (5625 kg)	Clamp pressure	4,800 psi (330 bar)	
Non-vibrating weight	4,000 lbs (1815 kg)	Clamp flow	6.5 gp m (25 lpm)	
Height (without clamp)	83 in (2110 mm)	Weight (w/ full fuel & fluid)	16,500 lbs (7484 kg)	
Length	97 in (2465 mm)	Length	158 in (4013 mm)	
Width	22 in (560 mm)	Width	73 in (1854 mm)	
Throat width	14.25 in (360 mm)	Height	95 in (2413 mm)	
Hydraulic hose length	150 ft (45 m)	Hydraulic reservoir	385 gal (1460 l)	
Hydraulic hose weight	1,700 lbs (770 kg)	Fuel capacity	150 gal (570 l)	

HYDRAULIC CLAMPS:	Standard Universal Clamp	Single Sheet Z-Pile Clamp	Casing Clamps w/ 7 ft Beam	Concrete & Small Pipe Timber Clamp
Clamping force	125 tons (1112 kN)	125 tons (1112 kN)	160 tons (1423 kN)	53 ton (470 kN)
Weight	2,150 lbs (975 kg)	3,190 lbs (1447 kg)	3260 lbs (1479 kg)	4970 lb (2255 kg)
Length	45.75 in (1160 mm)	48.5 in (1230 mm)	110 in (2795 mm)	43 in (1095 mm)
Width	12 in (305 mm)	18 in (460 mm)	13.75 in (350 mm)	27 in (685 mm)
Height	37.75 in (960 mm)	41.25 in (1050 mm)	26 in (660 mm)	79 in (2005 mm)

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